L Number	Hits	Search Text	DB	Time stamp
12	1	("5,391,511").PN.	USPAT; US-PGPUB	2003/02/05 13:00
-	1570	(438/253).CCLS.	USPAT; US-PGPUB	2003/02/03 11:11
-	132	(438/599).CCLS.	USPAT; US-PGPUB	2003/02/03 11:06
-	455	(438/241).CCLS.	USPAT; US-PGPUB	2003/02/03 16:19
-	666	(438/656).CCLS.	USPAT; US-PGPUB	2003/02/03 11:06
-	102	(438/For.196).CCLS.	EPO; JPO; DERWENT	2003/02/03 11:07
-	0	(438/For.189).CCLS.	EPO; JPO; DERWENT	2003/02/03 11:07
-	561	(438/For.352).CCLS.	EPO; JPO; DERWENT	2003/02/03 11:07
-	1310	((438/253).CCLS.) and dram	USPAT; US-PGPUB	2003/02/03 11:15
-	616	(((438/253).CCLS.) and dram) and tungsten	USPAT; US-PGPUB	2003/02/03 11:15
-	275	((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN)	USPAT; US-PGPUB	2003/02/03 11:23
-	17169	(bottom or lower) adj1 electrode	USPAT; US-PGPUB	2003/02/03 15:04
-	223	((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon) same (TiN or "titanium nitride")	USPAT; US-PGPUB	2003/02/03 11:28
-	248	((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride")	USPAT; US-PGPUB	2003/02/03 12:48
-	1	("6399399").PN.	USPAT; US-PGPUB	2003/02/03 12:48
-	26	("4094057" | "4645564" | "4676847" | "RE33261" | "5101251" | "5150276" | "5254873" | "5309008" | "5323038" | "5381365" | "5436477" | "5444013" | "5466964" | "5555520" | "5563085" | "5580811" | "5627094" | "5644151" | "5668041" | "5691219" | "5698878" | "5728596" | "5801079" | "6015733" | "6025247" | "6197634").PN.	USPAT	2003/02/03 14:59
-	3	("5976928" | "6057231" | "6093638").PN.	USPAT	2003/02/03 15:03
-	0	6284589.URPN.	USPAT	2003/02/03 15:03
-	644	DRAM and ((contact or plug) with (tungsten or W) with ("titanium nitride" or TiN))	USPAT; US-PGPUB	2003/02/03 15:05
-	272	(DRAM and ((contact or plug) with (tungsten or W) with ("titanium nitride" or TiN))) and MOS	USPAT; US-PGPUB	2003/02/03 15:34
-	222	((DRAM and ((contact or plug) with (tungsten or W) with ("titanium nitride" or TiN))) and MOS) and capacitor	USPAT; US-PGPUB	2003/02/03 15:35
-	9	("5604140" | "5705442" | "5712193" | "5766830" | "5851912" | "6045666" | "6140223" | "6177338" | "6217721").PN.	USPAT	2003/02/03 15:45
-	5	("4746219" | "5221853" | "5280190" | "5661334" | "5760475").PN.	USPAT	2003/02/03 15:51
-	79	((438/241).CCLS.) and (dram) and (tungsten or W) and ("titanium nitride" or TiN)	USPAT; US-PGPUB	2003/02/03 16:21
-	52	(((438/241).CCLS.) and (dram) and (tungsten or W) and ("titanium nitride" or TiN)) not ((((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN))	USPAT; US-PGPUB	2003/02/03 16:20
-	6	((438/For.352).CCLS.) and capacitor	EPO; JPO; DERWENT	2003/02/03 16:24
-	1	((438/For.196).CCLS.) and capacitor	EPO; JPO; DERWENT	2003/02/03 16:31

-	455	(barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))	EPO; JPO; DERWENT	2003/02/03 17:02
-	1851	(barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))	USPAT; US-PGPUB; EPO	2003/02/03 16:36
-	568	((barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor	USPAT; US-PGPUB	2003/02/03 16:38
-	370	(((barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram	USPAT; US-PGPUB	2003/02/03 16:38
-	339	((((barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))	USPAT; US-PGPUB	2003/02/03 16:38
-	304	(((((barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not ((((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN))	USPAT; US-PGPUB	2003/02/03 17:04
-	3069	(inlaid or trench) near2 capacitor	USPAT; US-PGPUB	2003/02/03 17:02
-	3	5914851.URPN.	USPAT	2003/02/03 16:57
-	28	("4591738" | "4954927" | "5081559" | "5189503" | "5192704" | "5196909" | "5208725" | "5313089" | "5335138" | "5365096" | "5366920" | "5371700" | "5382817" | "5383088" | "5384729" | "5392189" | "5397748" | "5405796" | "5416042" | "5436477" | "5438011" | "5438012" | "5442213" | "5498889" | "5567964" | "5583360" | "5585998" | "5633781").PN.	USPAT	2003/02/03 16:58
-	519	(((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))	USPAT; US-PGPUB	2003/02/03 17:03
-	488	((((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not ((((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN))	USPAT; US-PGPUB	2003/02/03 17:04

-	461	(((((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not (((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN))) not ((((((barrier or liner or TiN or "titanium nitride") with ((etch$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not (((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN)))	USPAT; US-PGPUB	2003/02/03 17:05
-	3545	((barrier or liner or diffusion) same (electrode)) and capacitor and dram	USPAT; US-PGPUB	2003/02/04 12:55
-	576	((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))	USPAT; US-PGPUB	2003/02/04 11:18
-	3117	(((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode)))	USPAT; US-PGPUB	2003/02/04 11:18
-	1429	((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode)))) and ((dope or doped) with (poly or polysilicon or polycrystalline))	USPAT; US-PGPUB	2003/02/04 11:19
-	863	(((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode)))) and ((dope or doped) with (poly or polysilicon or polycrystalline))) and 438/$.ccls.	USPAT; US-PGPUB	2003/02/04 12:50
-	10	("5405796" | "5449635" | "5607874" | "5693553" | "5702989" | "5714401" | "5716884" | "5721152" | "5750431" | "5926709").PN.	USPAT	2003/02/04 11:43
-	1	6207524.URPN.	USPAT	2003/02/04 11:44
-	885	(((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode)))) and ((dope or doped) with (poly or polysilicon or polycrystalline))) and 257/$.ccls.	USPAT; US-PGPUB	2003/02/04 12:13
-	505	((((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode)))) and ((dope or doped) with (poly or polysilicon or polycrystalline))) and 257/$.ccls.) not ((((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and ((barrier or liner or "titanium nitride") same (electrode)))) and ((dope or doped) with (poly or polysilicon or polycrystalline))) and 438/$.ccls.)	USPAT; US-PGPUB	2003/02/04 12:14

| - | | 1647 | (((barrier or liner or diffusion) same (electrode)) and capacitor and dram) NOT 438/$.ccls. | USPAT; US-PGPUB | 2003/02/04 12:55 |
| - | | 403 | ((((barrier or liner or diffusion) same (electrode)) and capacitor and dram) NOT 438/$.ccls.) not 257/$.ccls. | USPAT; US-PGPUB | 2003/02/04 13:14 |